



**EXPLOSIVE SAFETY STANDARDS**

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**AFMAN 91-201, 18 October 2001, is supplemented as follows:** This supplement applies to all DOD organizations, DOD contractors and civilian personnel handling, storing, transporting and using explosives on McConnell AFB.

**SUMMARY OF REVISIONS**

This supplement incorporates 22 ARW additions to AFMAN 91-201, 18 October 2001. The majority of information contained in this supplement clarifies and expands existing guidance and assigns responsibilities to specific personnel and agencies.

1.3.4. Privately owned ammunition belonging to dormitory and billeting residents will be courtesy stored in the 22 SFS armory. This ammunition will be segregated from government ammunition.

1.3.6. (Added) All agencies generating munitions residue or scrap will turn in residue within 7 days of expenditure of the explosive item to the munitions storage area. All munitions residue will be treated as a live explosive item until a qualified munitions inspector officially certifies it. The 184 BW/LGMW section accomplishes this tasking, as they possess the preferred Air Force Specialty Code (AFSC).

2.2. All supervisors will ensure that a pre-task safety briefing is developed, approved by the squadron commander, and used prior to the start of any explosive operation. Organizations will coordinate these safety briefings through their respective safety offices (22 ARW/SEW, 184 BW/SEW and 931 ARG/SEGW).

2.3. Locally written instructions will be available at the site of the explosive operation.

2.7. Explosives Ordnance Disposal (EOD) or munitions personnel are the only agencies authorized to verify that inert or empty munitions items are safe and properly marked for displays.

2.9. 22d Services will ensure all fireworks displays planned for McConnell AFB are routed through the Fire Department, EOD and Wing Safety Offices at least 30 days prior. Additionally Services will ensure

that the properly licensed commercial firm will provide site clean-up and proper disposal/disposition of any remaining hazardous waste from the display.

2.11. Personnel responsible for the transportation, temporary placement of explosives and storage of explosives will ensure all personnel in the surrounding area are informed of the “No Smoking” within 50’ requirement.

2.12. IAW AFMAN 91-201 paragraph 2.74.3. personnel will ensure all equipment or vehicles used to handle or move explosives is inspected and serviceable prior to their use. This inspection will be documented on applicable forms.

2.13. Bird scare explosives, shot guns or gas cannons will not be used within Public Traffic Route Distance (PTR) of any explosives loaded aircraft, munitions storage area (MSA) facility. This distance is normally 750’ with the exception of building 1418, which is 845’.

2.14. Base personnel will not exercise or use blank ammunition within PTR distance of the munitions storage area. This requirement does not apply when organizations are directly participating in an exercise with the owners of the potential explosive site (PES).

2.15. Base personnel will not exercise or use ground burst simulators or smoke producing devices within PTR distance of the munitions storage area. This requirement does not apply when organizations are directly participating in an exercise with the owners of the PES.

2.15.2. Upon receiving battlefield simulator training from EOD personnel, the instructor will complete an AF Form 483, **Certificate of Competency**. EOD instructors will forward a list of all qualified individuals to the 22d Wing Safety Office and have their names added to the authorized register of users for McConnell AFB.

2.15.3.7. Base personnel will not exercise or use battlefield simulators within PTR distance of the munitions storage area. This requirement does not apply when organizations are directly participating in an exercise with the owners of the potential explosive site (PES).

2.15.3.8. Base personnel will not exercise or use battlefield simulators within PTR distance of the munitions storage area. This requirement does not apply when organizations are directly participating in an exercise with the owners of the potential explosive site (PES).

2.15.6. Expended simulators and smoke pots will be immediately turned into the munitions storage area for proper disposal. Simulators are still considered explosive items until officially certified by authorized personnel.

2.16. **All** base exercises and higher headquarters inspections using explosives will be coordinated through the 22 ARW Commander and wing safety office.

2.17.1. Military Working Dog (MWD) personnel will ensure that all personnel not directly associated with the explosives being used for training are evacuated to at least 100’.

2.17.2. MWD locally approved instructions will contain all the minimum requirements of AFMAN 91-201, para 2.4. Instructions will also include a procedure to ensure that smoking is not allowed with 50’ of the explosives.

2.20. Only applies to the MSA.

2.22.1. If the fire chief determines that any quantity of fire extinguishers other than two is needed, the new requirement will be attained in writing and maintained by the responsible organization.

2.25. Unless specifically exempted in writing, and approved by the wing safety office and base fire department, fire and chemical symbols will always be used. Hazard Class Division (HC/D) 1.4 being transported on base is exempt from placard requirements.

2.25.4. The use of half-size chemical/explosive hazard symbols will be restricted to only the inside of facilities. Full-size (24") symbols are the only authorized symbol for outdoor use on McConnell AFB. Individuals using 12" fire symbols on an outdoor facility or operation will have written authorization from the Fire Chief.

2.25.7.4. Non-combustible material will also be used for chemical hazard symbol backing.

Table 2.3. Note 11. All explosive storage facilities equipped with a fire suppression system that store munitions items coded with an "Apply No Water" chemical symbol must have approval from the Base Fire Chief. This approval request will be included in the remarks block of the AF Form 2047.

2.27. Every attempt will be made to ensure only minimal amounts of mission essential combustibles are stored in licensed locations.

2.27.2. Units will not use explosive storage locations for supply, chemical or janitorial closets. Explosive storage areas are to store only explosives and related items.

2.29. Munitions in other than condition code "A" will have the appropriate DD Form 1500 series tag attached and properly filled out by a qualified munitions inspector.

2.29.4. (Added) Base shooting team and honor guard members will not store government purchased ammunition in their private residence. The MSA or a suitably licensed location will be used for storage. Additionally, all military, state and federal transportation requirements will be adhered to. Arrangements will be made to ensure munitions residue is properly disposed of IAW federal and state laws if left off base.

2.29.5. (Added) Ammunition or explosives stored in anything other than their factory original pack will be approved by wing safety and the MSA.

2.30. Licensed locations will contact the MSA with any questions pertaining to the proper packaging or marking of munitions, munitions containers or container serviceability.

2.31.1. Activities other than the MSA will immediately turn in all unserviceable munitions items to the MSA for proper disposal and isolated storage. AMC Sup1 requires that all unserviceable munitions will be turned-in within 7-days.

2.35. Commanders will ensure that only mission essential quantities of explosives for daily operations are stored in non-explosives operational buildings.

2.35.1. Commanders of licensed explosive storage locations will verify that only mission essential quantities (enough to carryout their respective missions) are present in storage locations. (A one-week supply based on past use is considered mission essential).

2.35.5. Category code "B" munitions items will be stored within the MSA.

2.56.2. 22 OG/CC and 22 LG/CC will determine any necessary actions required to ensure the protection and safety to personnel, equipment, facilities and aircraft from the explosives present on the flightline. See MAFBI 13-202 for further assistance.

2.74.5. Explosive loaded vehicles will not be refueled at either motor pool compound on McConnell AFB.

2.74.14.3. Supervisors in charge of explosive transportation operations will ensure a pre-task safety briefing is conducted to ensure all crewmembers are aware of the associated hazards, emergency procedures, PPE availability, vehicle/trailer condition, required safety equipment (Placards, Fire Extinguishers, chocks, and Tie-downs), scope of operation, and assigned duties. Supervisors must also ensure all individuals are qualified to perform assigned duties. It is recommended to have this as a part of your existing operating instruction.

2.74.14.4. All members trained and qualified to transport explosives/munitions will have in his/her possession a current AF Form 483 showing their qualifications when transporting explosives on or off base. The form will be annotated "*Transportation of explosives certified*" Use of this AF Form will provide proof that the USAF member is trained, qualified and legal to safely transport explosives. Training will be conducted initially upon assignment and annually thereafter using wing safety approved lesson plans as prescribed in AFI 91-202, paragraph 10-10.

3.12.6. Owing organizations will inspect barricades and revetments at least annually and have documentation to support these inspections. Any inspections with discrepancies will be forwarded to 22 ARW/SEW.

3.17. Licensed locations with vehicle parking areas closer than the minimum requirements of AFMAN 91-201, paragraph 3.17. must request permission to do so in the remarks section of the applicable AF Form 2047.

3.18. Applies only to 184 BW/LGMW; all others will be outside the Q-D arc of the MSA.

3.27.1. Air shows using explosives for demonstrations will provide at least 1250' protection to all personnel, aircraft, facilities and equipment and 500' to emergency response personnel. If this distance cannot be met, options such as sand bagging or barricading will be considered to provide equivalent physical protection. Commercially owned explosives being used for open houses/air-shows will not be handled, stored, or transported by any active-duty USAF or DOD civilians. *In the case of an accident/incident, emergency responders may report to the scene and conduct only life saving attempts. EOD must render the area safe before any further operations are conducted.*

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Commander